



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/buildingcode

Industrial Millwork Inc.
880 W Highway 36
Seneca, KS 66538

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "Stormline" 8' 0" Outswing Glazed & Opaque Wood Door – L.M.I.

APPROVAL DOCUMENT: Drawing No. LAG-SL, titled "Storm Line Wood Entry Doors" sheets 1 through 10 of 10, dated 11/27/2001 with revision #7 dated 03/03/2006, prepared by Bromley - Cook Engineering, Inc. signed and sealed by William D.Cook, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA **renews** NOA # 06-0411.02 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P.E.**



J. Gascon
10/11/07

NOA No. 07-0813.06
Expiration Date: October 31, 2012
Approval Date: November 01, 2007
Page 1

Industrial Millwork Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **LAG-SL**, titled "Storm Line Wood Entry Doors" Sheets 1 through 10 of 10, dated 11/27/2001 with revision #7 dated 03/03/2006, prepared by Bromley - Cook Engineering, Inc., signed and sealed by William D.Cook, P.E.
"Submitted under NOA# 06-0411.02"

B. TESTS


1. Test reports on 1) Air Infiltration Test, per SFBC, PA 202-94
2) Uniform Static Air Pressure Test, Loading per SFBC PA 202-94
3) Large Missile Impact Test per SFBC, PA 201-94
4) Cyclic Wind Pressure Loading per SFBC, PA 203-94
5) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94
along with marked-up drawings and installation diagram of XX and OXX wood swing doors, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0210-0508-01**, dated 05/02/2001, with addendum letter dated 09/27/2002, all signed and sealed by Vinu J. Abraham, P.E.
"Submitted under NOA# 06-0411.02"
2. Test reports on 1) Uniform Static Air Pressure Test, Loading per SFBC PA 202-94
2) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94
3) Large Missile Impact Test per SFBC, PA 201-94
4) Cyclic Wind Pressure Loading per SFBC, PA 203-94
along with marked-up drawings and installation diagram of XX wood swing doors, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0210-0809-01**, dated 08/01/2001, with addendum letter dated 09/27/2002, all signed and sealed by Vinu J. Abraham, P.E.
"Submitted under NOA# 06-0411.02"

C. CALCULATIONS

1. Anchor Calculations and structural analysis, complying with FBC-2004, prepared by Bromley - Cook Engineering, Inc., dated 03/14/2006 signed and sealed by William D.Cook, P.E.
Complies with ASTM E1300-98/02
"Submitted under NOA# 06-0411.02"

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO)



Jaime D. Gascon, P.E.
Chief, Product Control Division
NOA No. 07-0813.06
Expiration Date: October 31, 2012
Approval Date: November 01, 2007

Industrial Millwork Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS


1. Notice of Acceptance No. **03-1117.05** issued to Surface Specialties, Inc. for their "Uvekols, a Laminate Glass Component" dated 02/05/2004, expiring on 02/08/2009.
2. Notice of Acceptance No. **02-1205.03** issued to Security Impact Glass Holdings L.L.C. for their "SAF-GLAS Polycarbonate Laminate" dated 01/02/2003, expiring on 12/16/2007.
3. Notice of Acceptance No. **06-0216.06** issued to Solutia, Inc. for their "Saflex III Clear or colored interlayer" dated 05/04/2006, expiring on 05/21/2011.

F. STATEMENTS

1. Statement letter of conformance, dated February 21, 2002, signed and sealed by William D. Cook, P.E.
"Submitted under NOA# 06-0411.02"
2. Statement letter of no financial interest, dated February 21, 2002, signed and sealed by William D. Cook, P.E.
"Submitted under NOA# 06-0411.02"
3. Laboratory compliance letter for Test Report no. HTL- 0210-0508-01 and HTL- 0210-0809-01, issued by Hurricane Test Laboratory, Inc., dated December 13, 2001, signed and sealed by Vinu J. Abraham, P.E.
"Submitted under NOA# 06-0411.02"

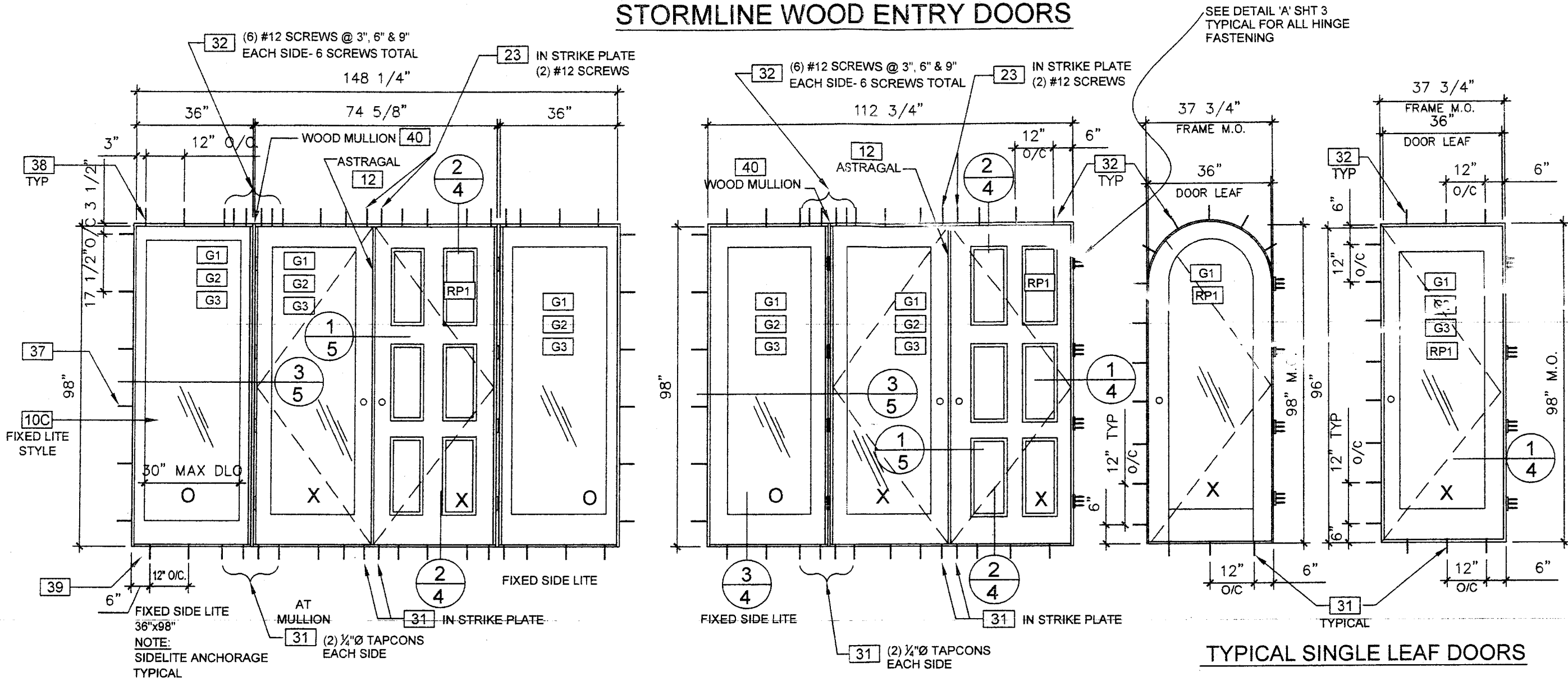
G. OTHER

1. Notice of Acceptance No. **06-0411.02**, issued to Industrial Millwork, Inc. for their Series "Stormline" 8' 0" Outswing Glazed & Opaque Wood Door – Impact", approved on 12/07/2006 and expiring on 10/31/2007.



Jaime D. Gascon, P.E.
Chief, Product Control Division
NOA No. 07-0813.06
Expiration Date: October 31, 2012
Approval Date: November 01, 2007

STORMLINE WOOD ENTRY DOORS



TYPICAL MULTIPLE UNIT CONFIGURATIONS

TYPICAL SINGLE LEAF DOORS

GENERAL NOTES:

- 1. THIS DOOR SYSTEM HAS BEEN TESTED, ANALYZED AND APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE DESIGN LOAD TABLES.
- 2. BUCK, OPENINGS & BUCK FASTENERS MUST BE DESIGNED & INSTALLED TO WITHSTAND WIND LOADS FOR EACH APPLICATION.
- 3. BUCK FASTENERS MAY NOT EXCEED 16" O.C. SPACING AROUND OPENINGS.
- 4. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & MAY NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS.
- 5. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED FOR WATER, AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH DADE COUNTY PROTOCOLS PA-201, 202 & 203.
- 6. ALL JAMB TO BUCK FASTENERS MUST PENETRATE THE BUCK A MINIMUM OF 1 1/4". IF PENETRATION IS LESS THAN 1 1/4", SCREW LENGTH SHALL BE INCREASED AS REQUIRED.
- 7. THESE GLASS DOOR SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE 2001 FLORIDA BUILDING CODE.
- 8. WIND LOAD INCREASE FOR STRESS HAS NOT BEEN APPLIED TO THIS PRODUCT.

DOOR PANEL GLAZING	
G1	7/16" LAMINATED 3/16" / 3/16" ANNEALED WITH .090 Solutia SAFLEX / KEEP SAFE GLAZED WITH 1/8" x 5/8" BEAD OF DOW 995 EACH SIDE.
G2	7/16" LAMINATED "SAF-GLASS" 3/16" / 3/16" ANNEALED WITH 0.070" POLYCARB BY SECURITY IMP.T. GLASS GLAZED WITH 1/8" x 5/8" BEAD OF GE 2801 EACH SIDE
G3	7/16" LAMINATED 3/16" / 3/16" ANNEALED WITH .0100" UVEKOL INTERLAYER BY SMITH MOUNTAIN GLAZED WITH 1/8" x 5/8" BEAD OF DOW 995 EACH SIDE
RP1	LARGE MISSILE IMPACT RAISED WOOD PANEL, MAHOGANY
GLAZING: LARGE MISSILE IMPACT RESISTANT GLASS DOOR PANEL MAX DLO 25 1/2" x 81 5/8" SIDE LITE MAX DLO 30" x 81 5/8"	
DOOR PANEL MAY BE RAISED WOOD PANEL OR GLAZED OR COMBINATIONS	

MAX. ALLOWABLE WIND PRESSURE FOR IMPACT DOORS		
WHERE THE WATER REQUIREMENTS FOR 'HIGH VELOCITY HURRICANE ZONES' ARE NEEDED		
<u>REDUCED HARDWARE DOOR</u> SCHLAGE CYLINDRICAL LOCK & SURFACE BOLTS @ TOP & BOTTOM	+ 55 psf - 55 psf	
<u>STANDARD HARDWARE DOOR</u> G-U CREMONA 5 POINT LOCK	+ 55 psf - 65 psf	
WHERE THE WATER REQUIREMENTS FOR 'HIGH VELOCITY HURRICANE ZONES' ARE NOT NEEDED		
<u>STANDARD HARDWARE DOOR</u> G-U CREMONA 5 POINT LOCK	+ 65 psf - 65 psf	
<u>REDUCED HARDWARE DOOR</u> SCHLAGE CYLINDRICAL LOCK & SURFACE BOLTS @ TOP & BOTTOM	+ 55 psf - 55 psf	

NOTE: FOR FIXED DOOR UNITS, (NON-OPERABLE) ANCHOR DOOR LEAFS TO FRAME AS PER SIDELITE INSTALLATION

PRODUCT RENEWED as complying with the Florida Building Code
Acceptance No. 07-0813.06
Expiration Date 10/31/2012
By *Manuel Perez*
Miami Dade Product Control Division

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No. 06-0411.02
Expiration Date OCT 31, 2007
By *Manuel Perez*
Miami Dade Product Control Division

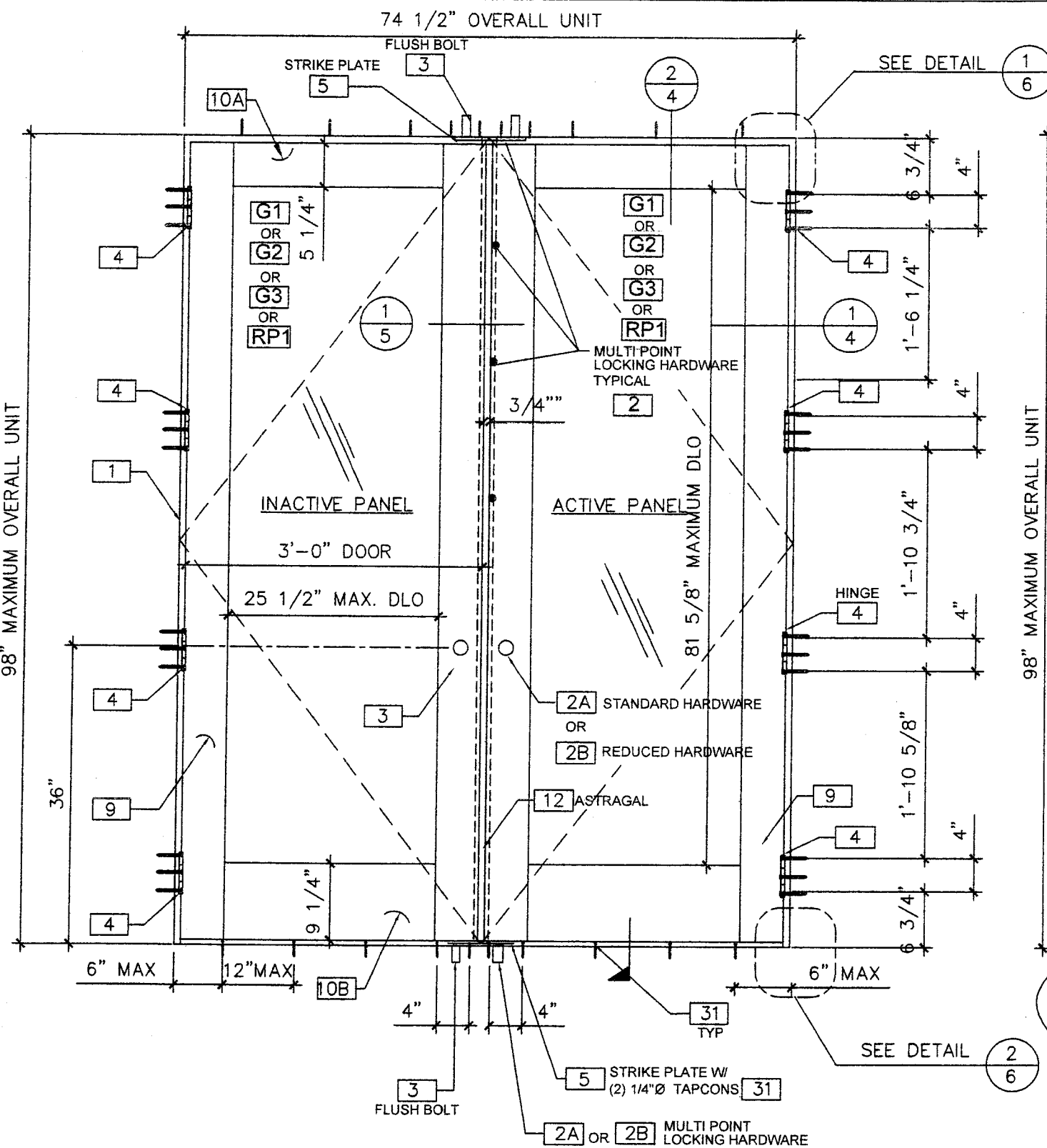
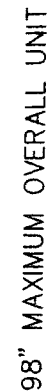
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GENERAL REVISIONS	G.R.	06/20/02
GENERAL REVISIONS	G.R.	07/30/02
GENERAL REVISIONS	G.R.	09/25/02
GENERAL REVISIONS	G.R.	10/09/02
NEW CODE REVISIONS	L.K.	03/03/06

DRAWING TITLE: STORM LINE WOOD ENTRY DOORS
MANUFACTURER: LAG DESIGN
INDUSTRIAL MILLWORK CORP
WEST HWAY 36 SENECA, KS 66538
(800)462-3667

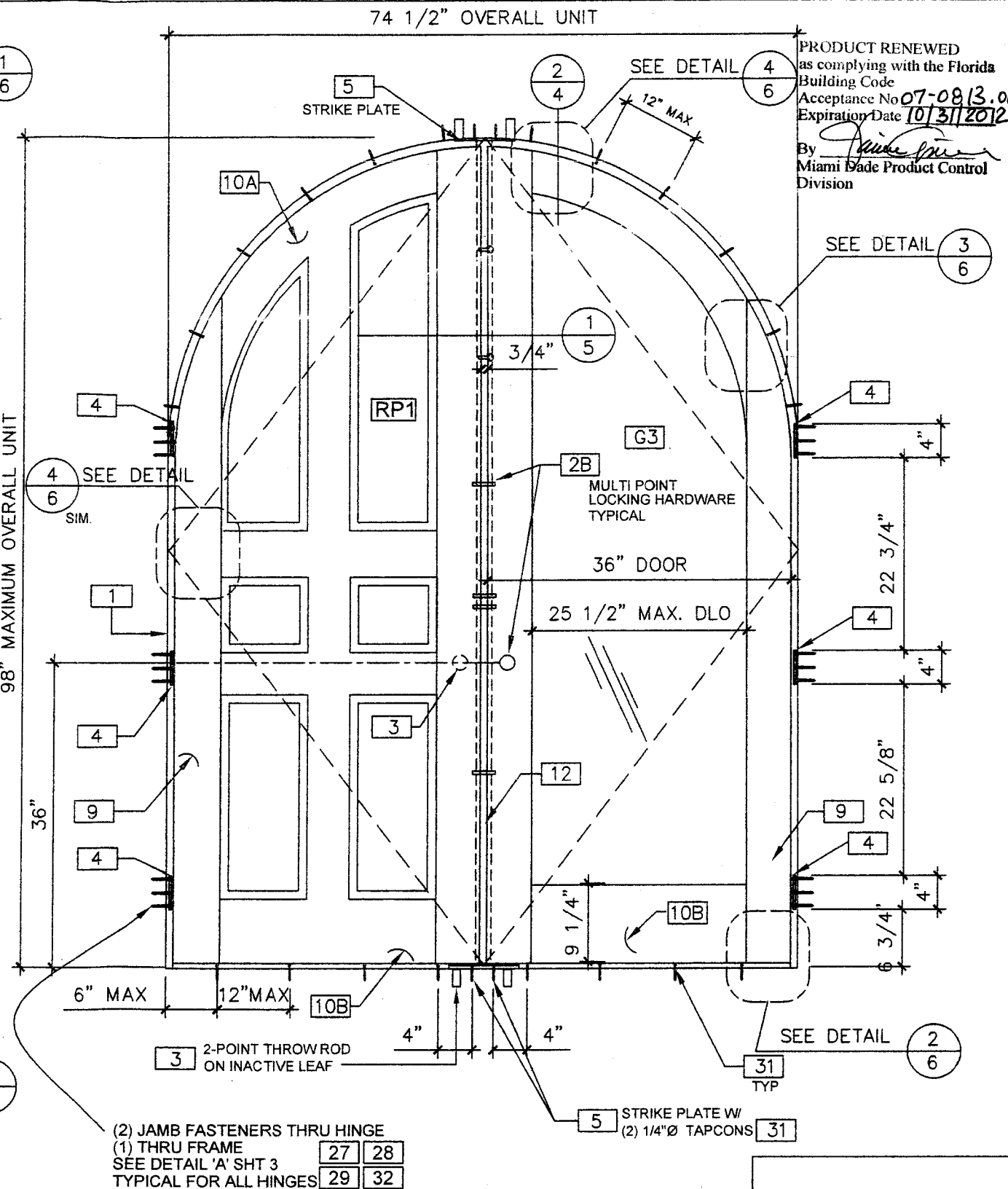
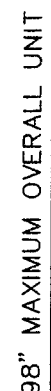
BROMLEY - COOK ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
5440 N.W. 33rd AVENUE, SUITE 100
FORT LAUDERDALE, FL 33309
PHONE: (954) 772-4624 FAX: (954) 772-4634
CERT. OF AUTH. #00009124

CERTIFICATION
MAR 15 2005
WILLIAM D. COOK, P.E.
FLA. P.E. NO. 43904

DATE: 11/27/01
DRAWING NO: LAG-SL
SHEET NO: 1 OF 10



ELEVATION OF OUTSWING WOOD DOORS
DOOR ASSEMBLY DETAILS
(UNIT SHOWN FROM EXTERIOR)
SCALE: 3/4" = 1'-0"



ELEVATION OF OUTSWING ARCHED TOP DOORS
DOOR ASSEMBLY DETAILS
(UNIT SHOWN FROM EXTERIOR)
SCALE: 3/4" = 1'-0"

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 07-0813.0
Expiration Date 10/31/2012
By [Signature]
Miami Dade Product Control
Division

NO.	REVISION DESCRIPTION	BY	DATE
2	GENERAL REVISIONS	G.R.	06/20/02
3	GENERAL REVISIONS	G.R.	09/25/02
4	GENERAL REVISIONS	G.R.	10/9/02
5	NEW CODE REVISIONS	L.K.	03/03/06

DRAWING TITLE
STORM LINE WOOD ENTRY DOORS

MANUFACTURER
LAG DESIGN
INDUSTRIAL MILLWORK CORP
WEST HWY 36 SENECA, KS 66538
(800)462-3667

BROMLEY - COOK ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES

5440 N.W. 33rd AVENUE, SUITE 100
FORT LAUDERDALE, FL 33309
PHONE: (954) 772-4624 FAX: (954) 772-4634
CERT. OF AUTH. #000009124

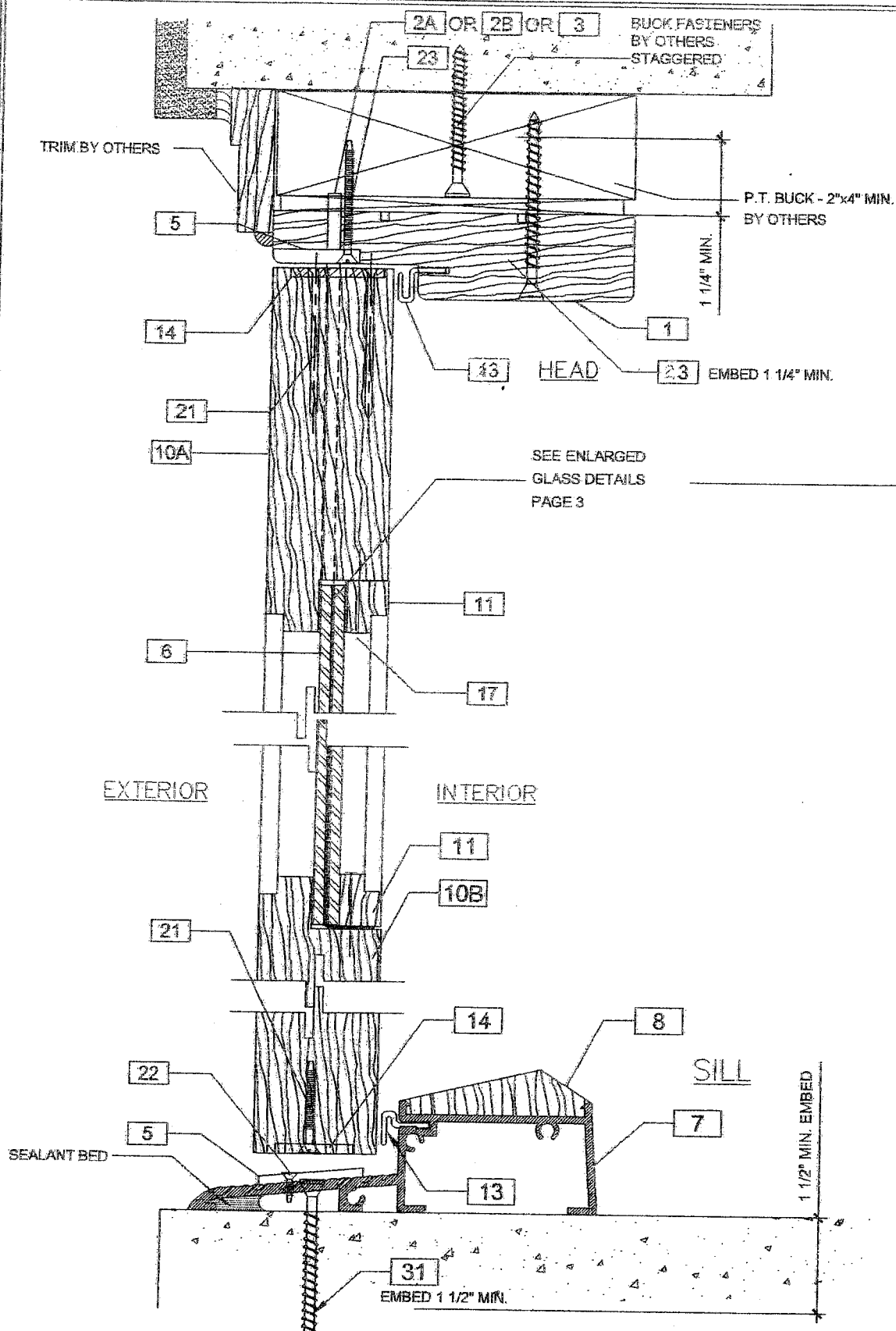
CERTIFICATION

✓ MAR 15 2006
WILLIAM D. COOK, P.E.
FLA. P.E. NO. 43904

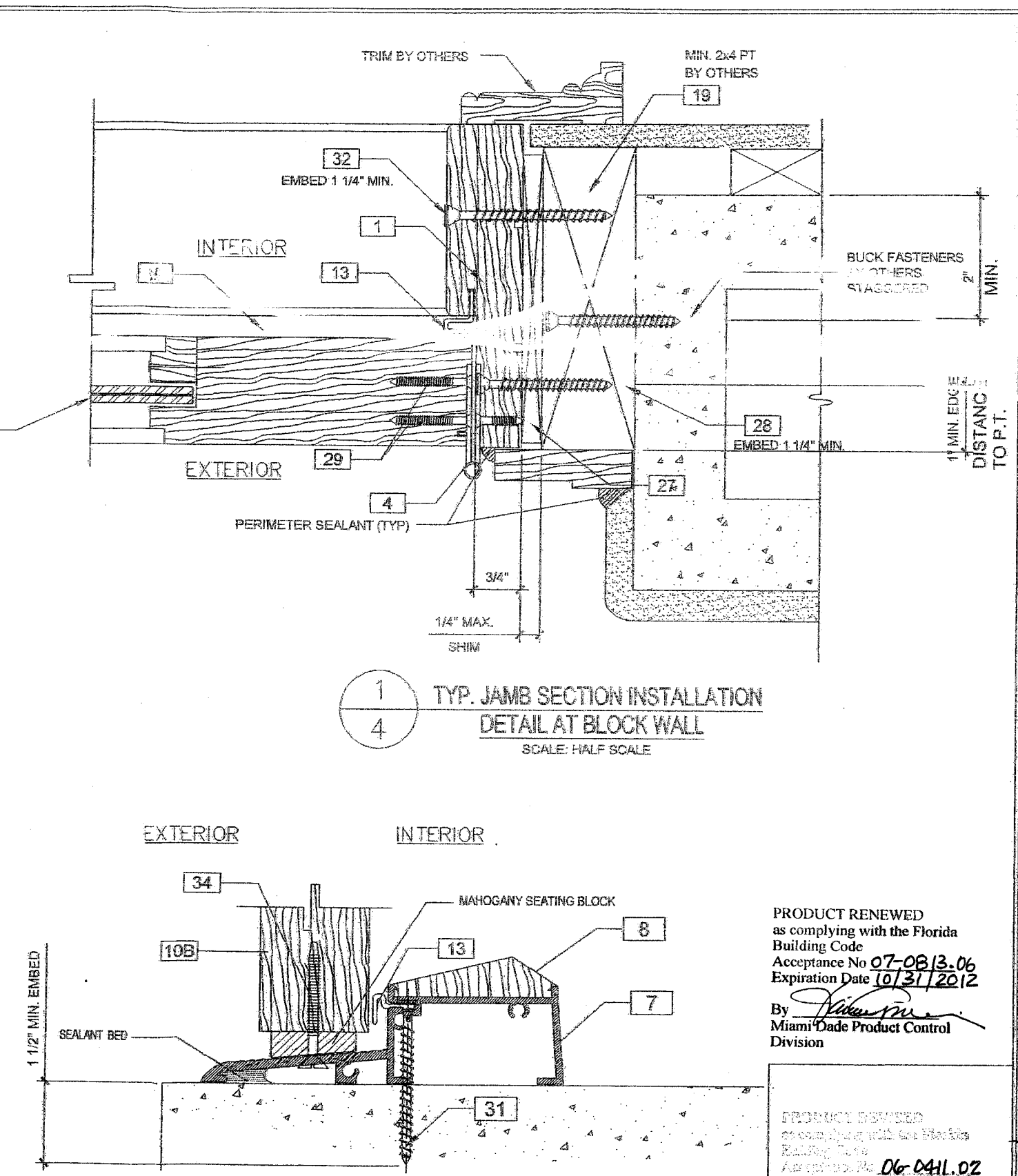
PRODUCT INVOICES
on complying with the Florida
Building Code
Acceptance No. 06-0411-02
Registration Date OCT. 31, 2007
To: Maurice Perez
Miami-Dade Product Control
Division

DATE:
11/27/01
DRAWING NO:
LAG-SL
SHEET NO:
2 OF 10

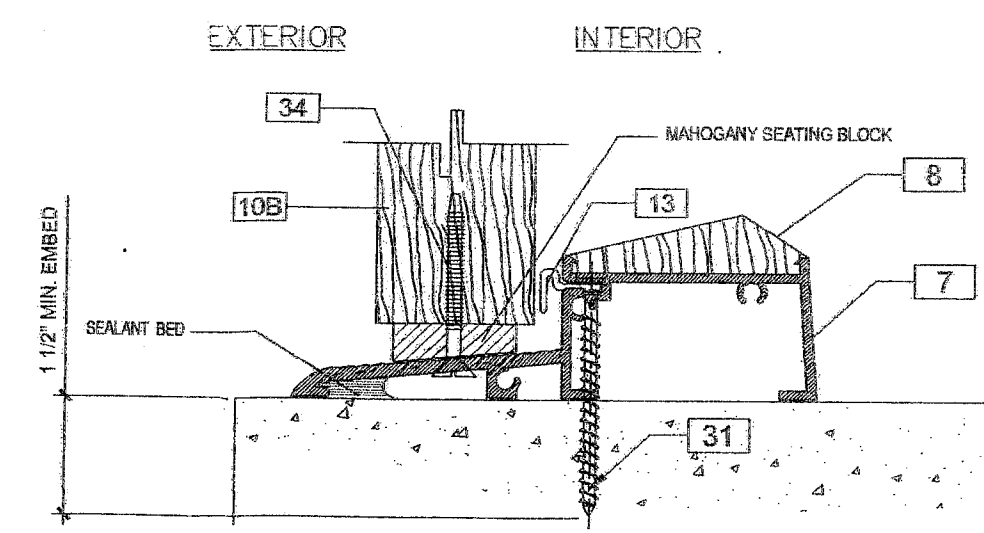
LAG DESIGN INDUSTRIAL MILLWORK CORP. 36 SENECA, KS 66538 (800) 462-3667



2
4 TYP. THRESHOLD SECTION INSTALLATION
DETAIL @ CONCRETE SILL
SCALE: HALF SCALE



1
4 TYP. JAMB SECTION INSTALLATION
DETAIL AT BLOCK WALL
SCALE: HALF SCALE

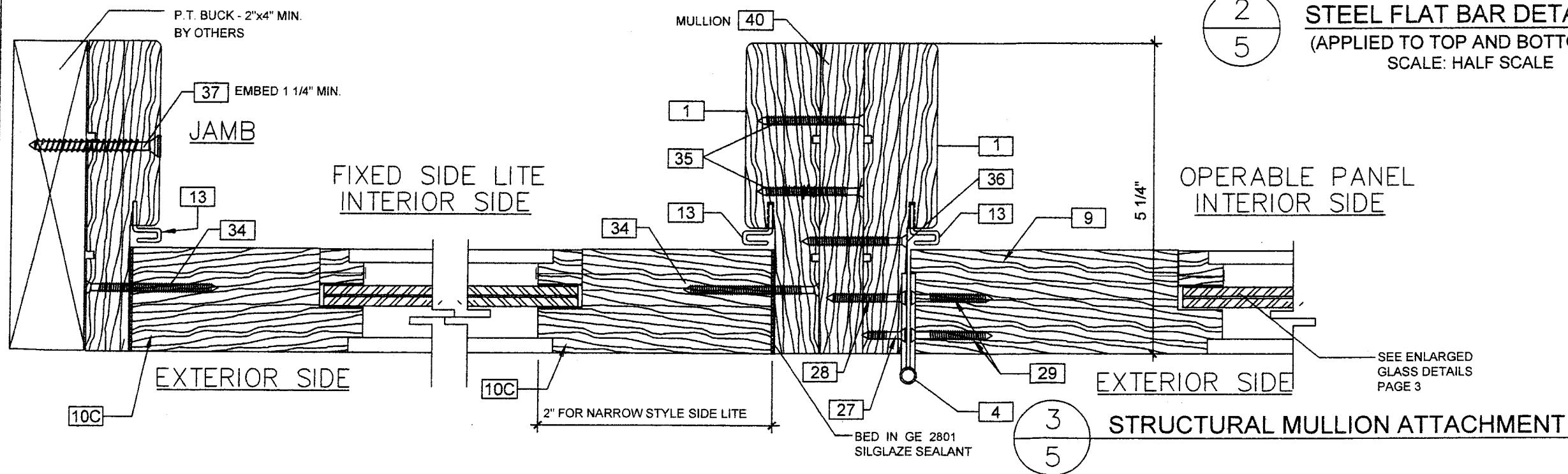
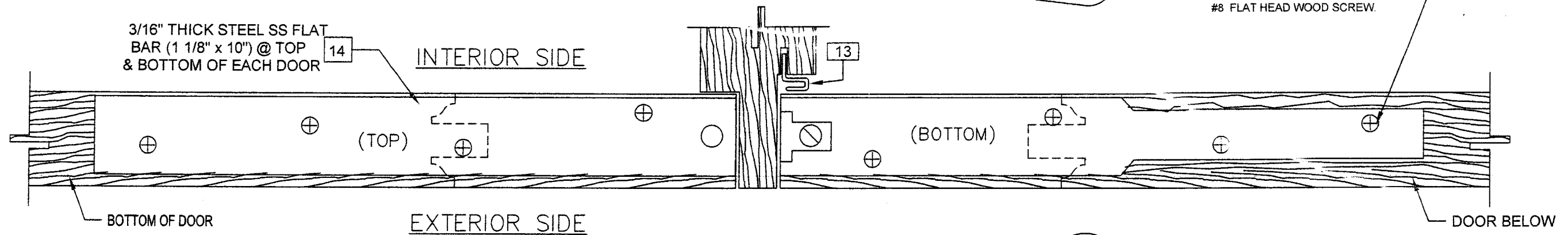
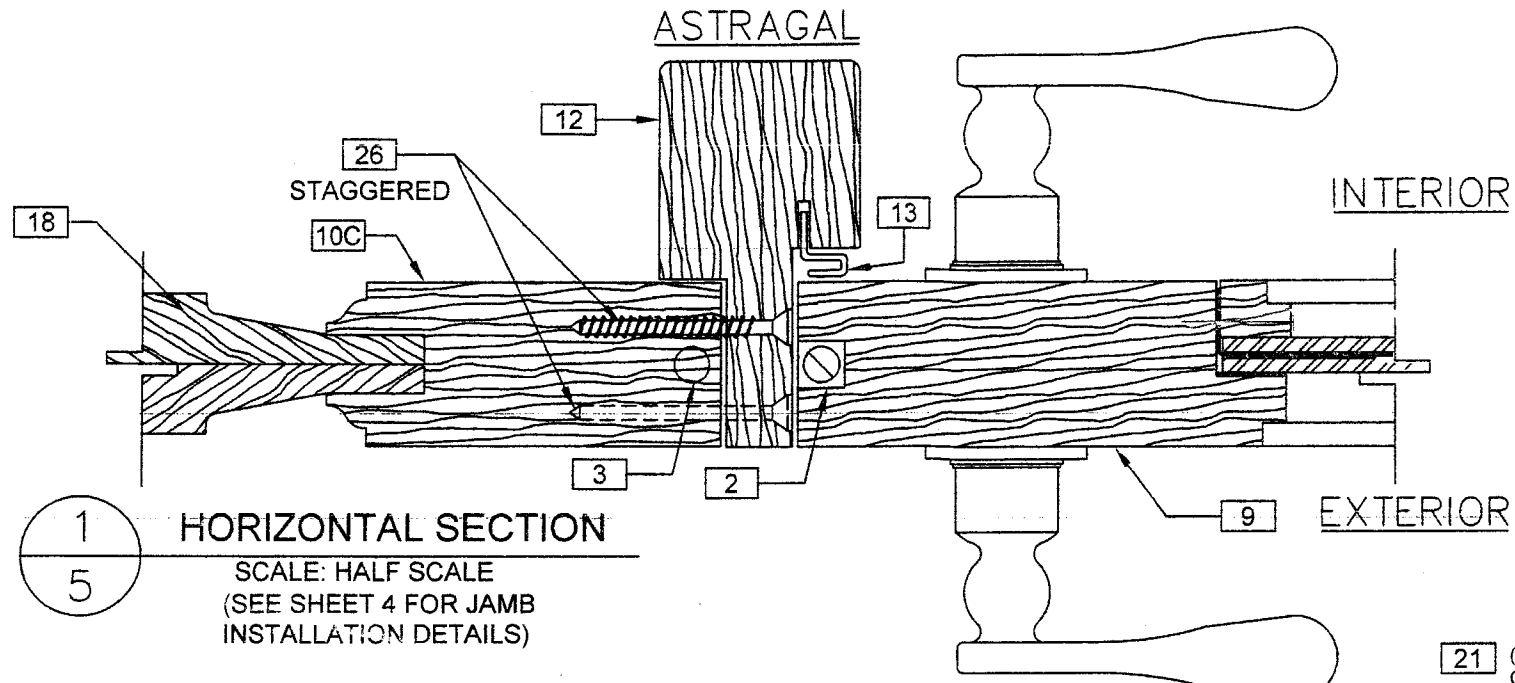


3
4 TYP. SILL SECTION INSTALLATION @ SIDE LIGHT
DETAIL @ CONCRETE SILL
SCALE: HALF SCALE

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 07-0813.06
Expiration Date 10/31/2012
By *[Signature]*
Miami Dade Product Control
Division

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No 06-0411.02
Expiration Date OCT. 31, 2007
By *[Signature]*
Miami Dade Product Control
Division

REVISION DESCRIPTION		BY	DATE
GENERAL REVISIONS		G.R.	09/25/02
GENERAL REVISIONS		G.R.	10/9/02
NEW CODE REVISIONS		L.K.	03/02/05
NO			
1			
2			
3			
DRAWING TITLE			
STORM LINE WOOD ENTRY DOORS			
MANUFACTURER			
LAG DESIGN			
INDUSTRIAL MILLWORK CORP			
WEST HWY 36 SENECA, KS 66538			
(800) 462-3667			
BROMLEY - COOK ENGINEERING, INC.			
CONSULTING ENGINEERS			
5440 N.W. 33rd AVENUE, SUITE 100			
FORT LAUDERDALE, FL 33309			
PHONE: (954) 772-4624 FAX: (954) 772-4634			
CERT. OF AUTH. #00009124			
CERTIFICATION			
MAR 15 2006			
WILLIAM D. COOK P.E.			
FLA. P.E. NO. 43904			
DATE:			
11/27/01			
DRAWING NO:			
LAG-SL			
SHEET NO:			
4 OF 10			



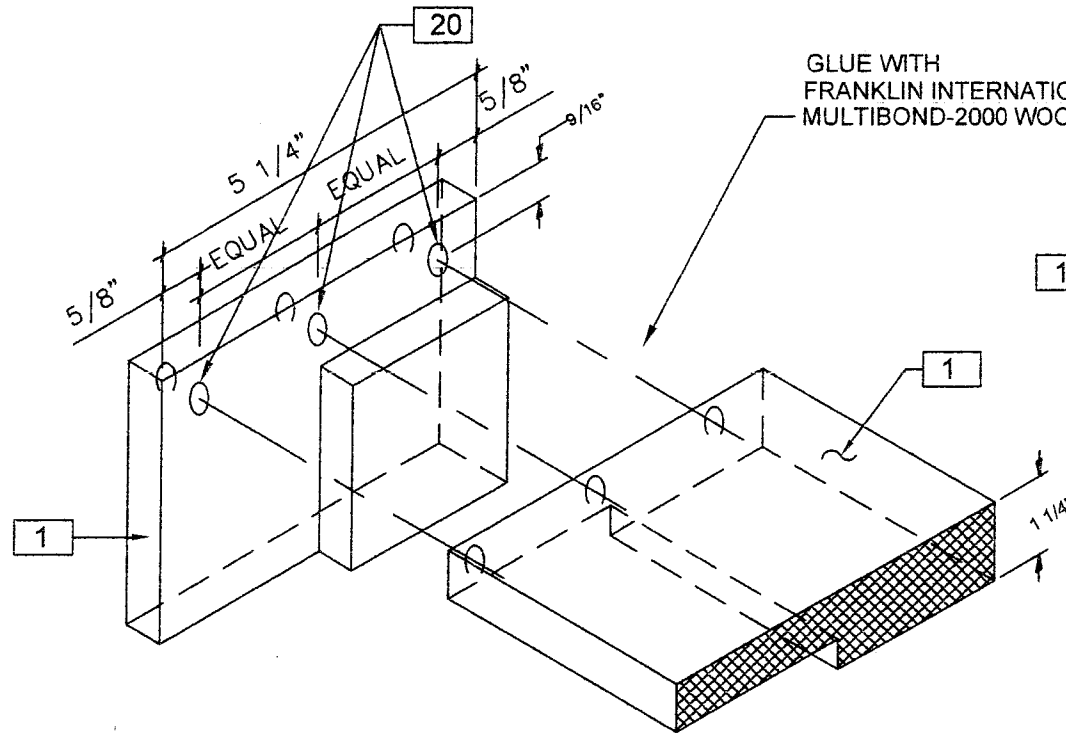
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 07-0813.06
Expiration Date 10/31/2012

By *Manuel Perez*
Miami Dade Product Control
Division

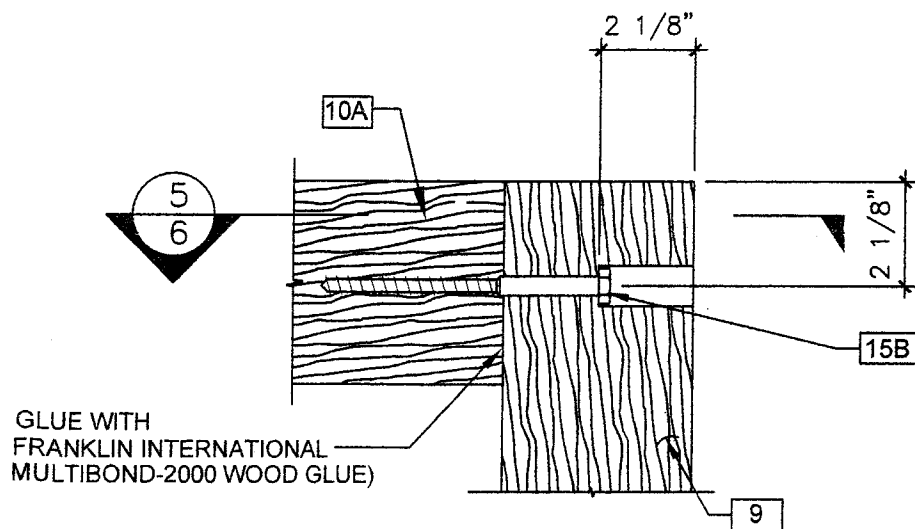
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 06-0411.02
Expiration Date 06/30/2007

By *Manuel Perez*
Miami Dade Product Control
Division

NO.	REVISION DESCRIP	BY	DATE
1	NEW CODE REVISI	L.K.	03/03/06
DRAWING TITLE			
STORM LINE WOOD ENTRY DOORS			
MANUFACTURER			
LAG DESIGN			
INDUSTRIAL MILLWORK CORP			
WEST HWY 36 SENECA, KS 66538			
(800)462-3667			
BROMLEY - COOK ENGINEERING, INC.			
CONSULTING ENGINEERS			
5440 N.W. 39th AVENUE, SUITE 100			
FORT LAUDERDALE, FL 33309			
PHONE: (954) 772-4624 FAX: (954) 772-4634			
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CERTIFICATION			
WPR 15 2006			
WILLIAM D. COOK, P.E.			
FLA. P.E. NO. 43904			
DATE:			
11/27/01			
DRAWING NO:			
LAG-SL			
SHEET NO:			
5 OF 10			

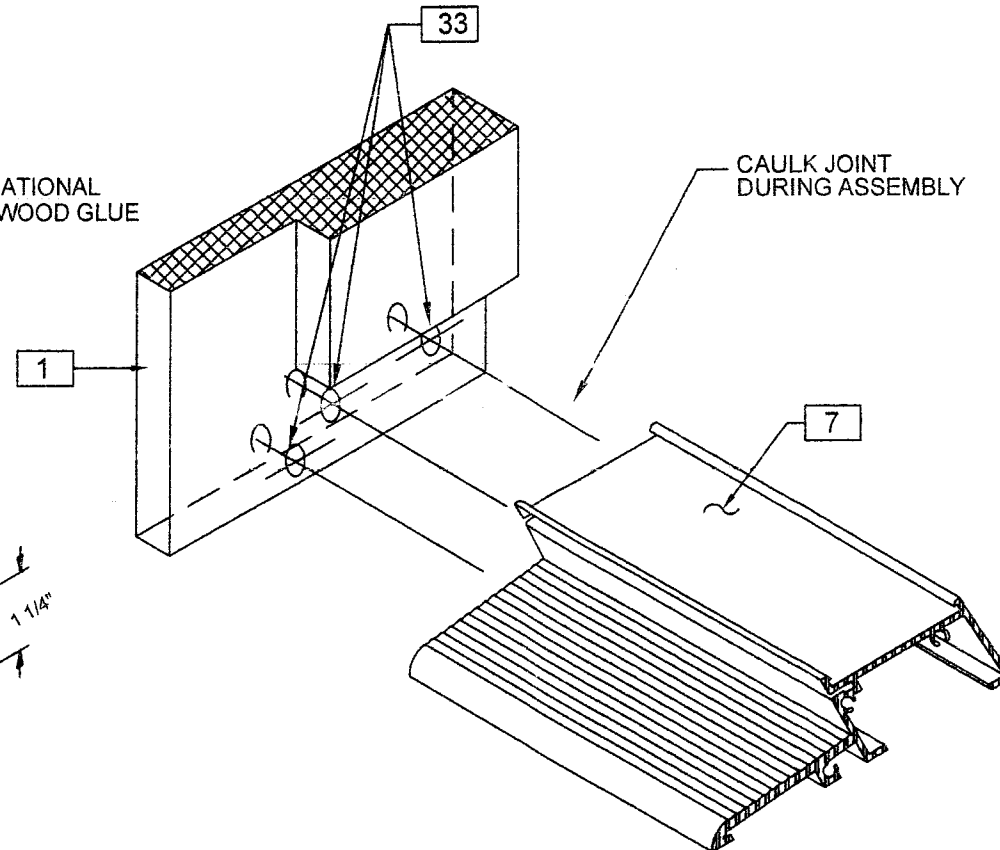


1
6 TYP. FRAME CORNER DETAIL
(ALL MEETING JAMB MEMBERS TO BE
SCREWED AT ALL CORNERS)
SCALE: NTS



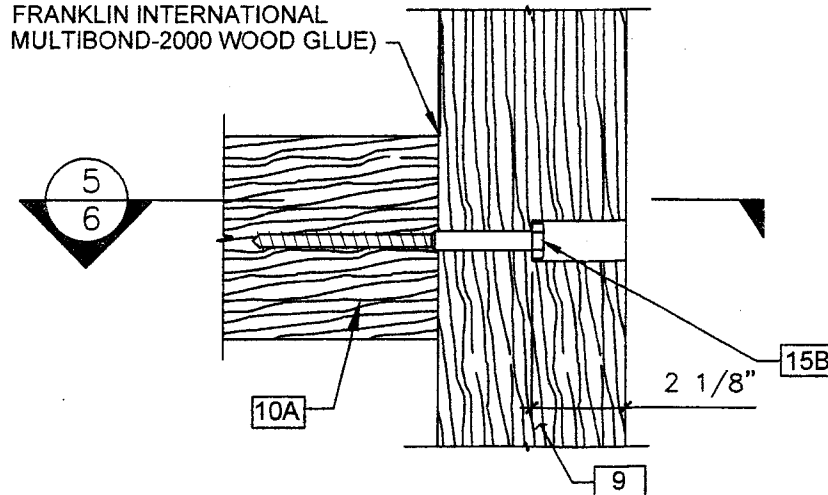
4
6 DOOR PANEL CORNER DETAIL
SCALE: 1/4" = 1"

GLUE WITH
FRANKLIN INTERNATIONAL
MULTIBOND-2000 WOOD GLUE



2
6 TYP. THRESHOLD CORNER DETAIL
(ALL MEETING JAMB MEMBERS TO BE
SCREWED AT ALL CORNERS)
SCALE: NTS

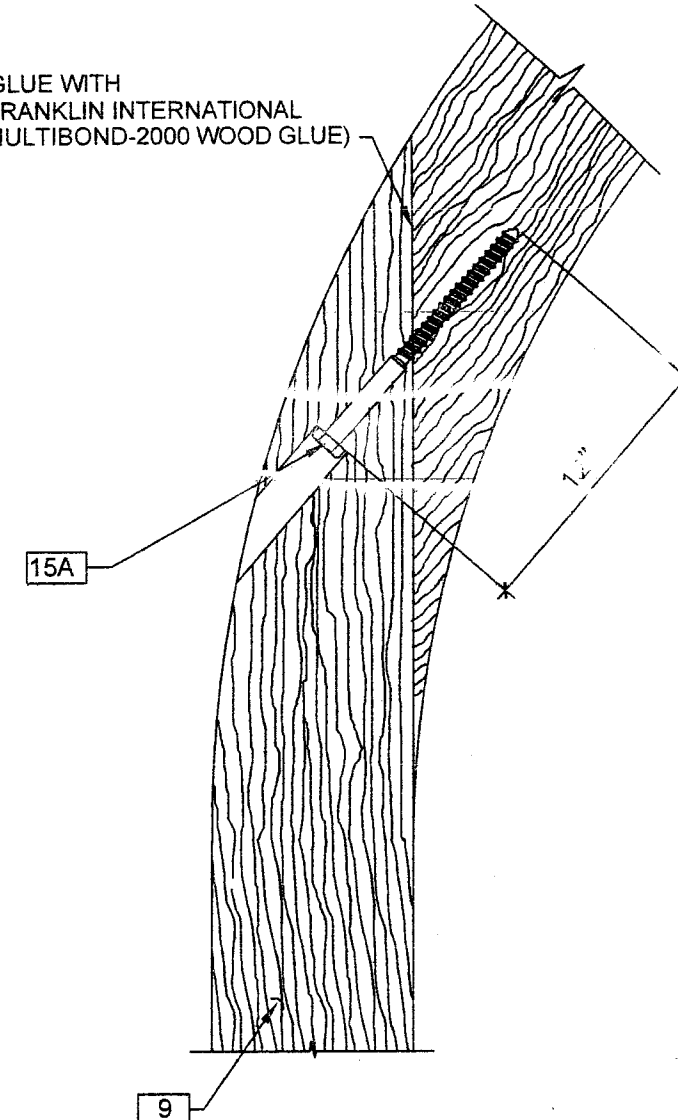
GLUE WITH
FRANKLIN INTERNATIONAL
MULTIBOND-2000 WOOD GLUE)



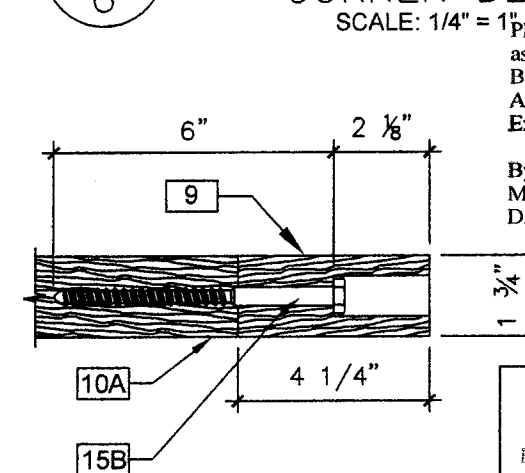
TYPICAL MEETING RAIL DETAIL
SCALE: 1/4" = 1"

CAULK JOINT
DURING ASSEMBLY

GLUE WITH
FRANKLIN INTERNATIONAL
MULTIBOND-2000 WOOD GLUE)



3
6 ARCHED DOOR PANEL
CORNER DETAIL
SCALE: 1/4" = 1"



5
6 SECTION
SCALE: 1/4" = 1"

PRODUCT RENEWED
as complying with the Florida
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Acceptance No 07-0813.06
Expiration Date 10/31/2012

By *[Signature]*
Miami Trade Product Control
Division

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 06-0411.02
Expiration Date OCT. 31. 2007

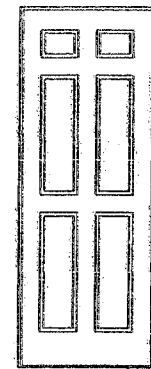
By *[Signature]*
Miami Trade Product Control
Division

DRAWING TITLE	NO.	REVISION DESCRIPTION	BY	DATE
STORM LINE WOOD ENTRY DOORS	1	GENERAL REVISIONS	G.R.	04/23/02
MANUFACTURER	2	GENERAL REVISIONS	G.R.	07/30/02
LAG DESIGN	3	GENERAL REVISIONS	G.R.	09/25/02
INDUSTRIAL MILLWORK CORP	4	GENERAL REVISIONS	G.R.	10/9/02
WEST HWY 36 SENECA, KS 66538	5	NEW CODE REVISIONS	L.K.	03/03/06
(800)462-3667				

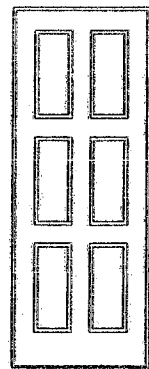
BROMLEY - COOK ENGINEERING, INC.	CERTIFICATION	MAR 15 2006	WILLIAM D. COOK, P.E.
STRUCTURAL ENGINEERING SERVICES			FLA. P.E. NO. 43904
5440 N.W. 33rd AVENUE, SUITE 100			
FORT LAUDERDALE, FL 33309			
PHONE: (954) 772-4624 FAX: (954) 772-4634			
CERT. OF AUTH. #00009124			

DATE:	11/27/01
DRAWING NO:	LAG-SL
SHEET NO:	6 OF 10

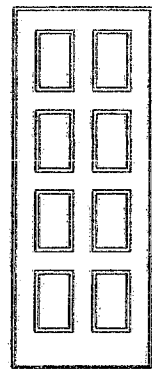
VARIOUS SIZES AND MATERIALS AVAILABLE. SEE DRAWING FOR SPECIFICATIONS. ALL DOORS ARE DESIGNED TO MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE. SEE DRAWING FOR SPECIFICATIONS.



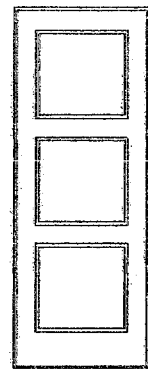
D-18



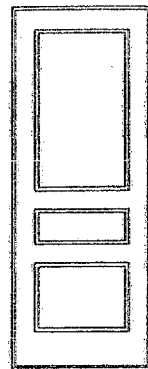
D-24



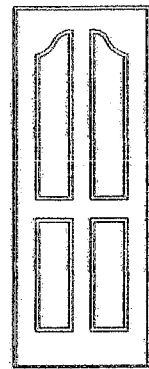
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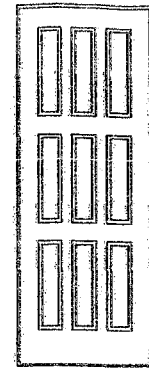
D-30



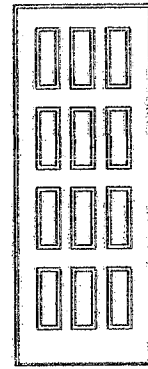
D-32



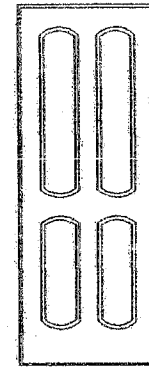
D-34



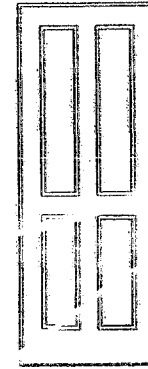
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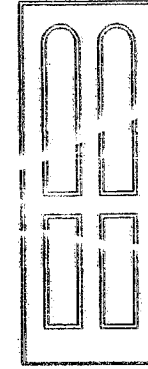
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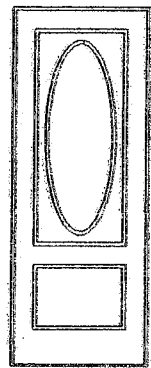
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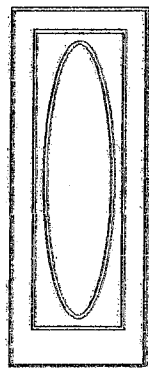
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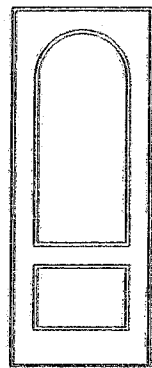
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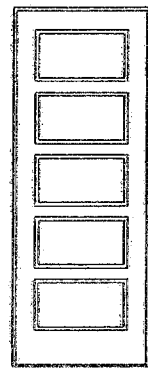
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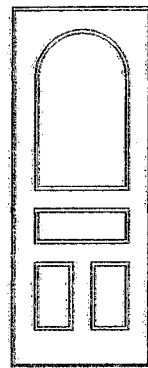
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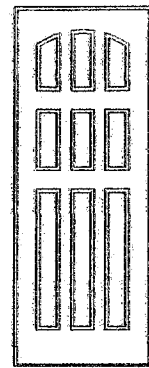
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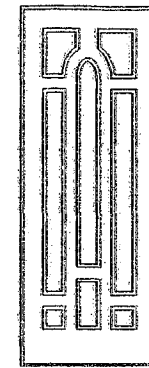
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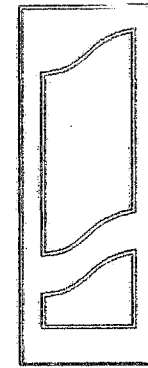
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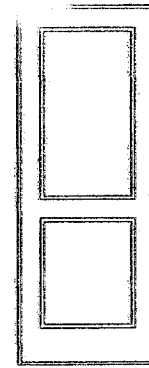
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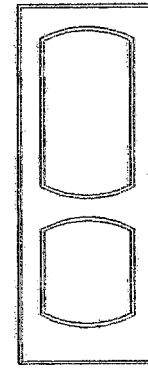
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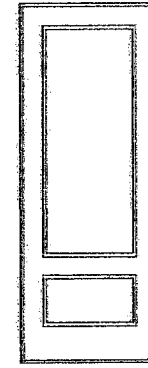
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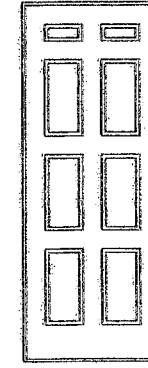
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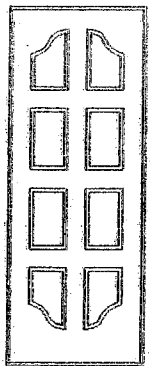
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D-84



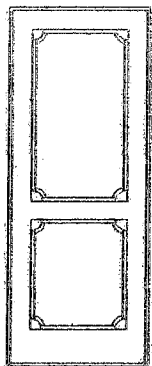
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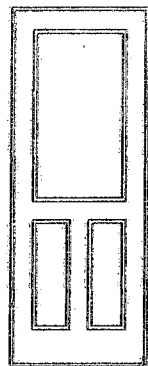
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D-100



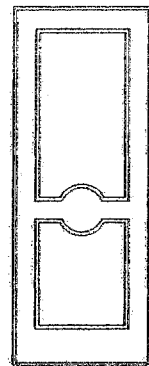
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D-145



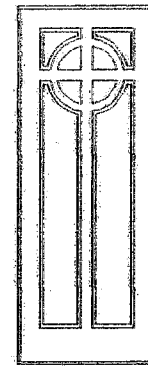
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D-182



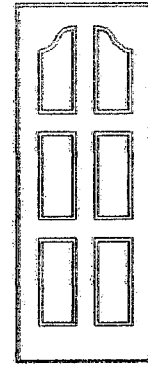
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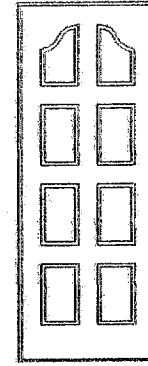
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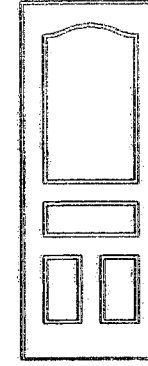
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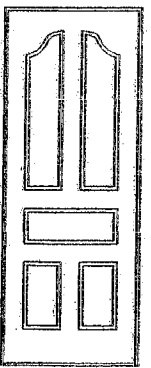
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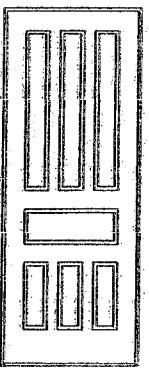
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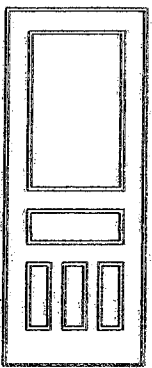
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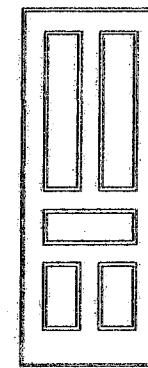
D-384



D-493

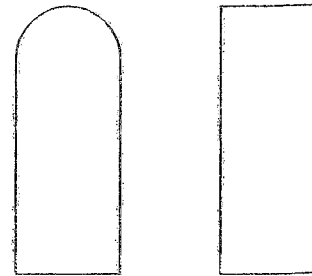


D-581



D-584

NOTE: DOOR PANELS MAY BE
RECTANGULAR, ARCHED, OR ROUND TOP




APPLICABLE SOLID WOOD
RAISED PANEL DOORS

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 07-0813.06
Expiration Date 10/31/2012
By *[Signature]*
Miami Dade Product Control
Division

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 06-0411.02
Expiration Date OCT. 31, 2007
By *[Signature]*
Miami Dade Product Control
Division

DRAWING TITLE		REVISION DESCRIPTION		DATE	
STORM LINE WOOD ENTRY DOORS					
MANUFACTURER					
BROMLEY - COOK ENGINEERING INC.					
STRUCTURAL ENGINEERING SERVICES					
6440 N.W. 33rd AVENUE, SUITE 100					
FORT LAUDERDALE, FL 33309					
PHONE: (954) 772-4824 FAX: (954) 772-4834					
CERT. OF AUTH. #00009124					
CERIFICATION					
MAR 15 2006					
WILLIAM D. COOK, P.E.					
FLA. P.E. NO. 43804					
DATE:					
11/27/01					
DRAWING NO:					
LAG-SL					
SHEET NO:					
7 OF 10					

<div>CERTIFICATION</div> <div> MAR 15 2006</div> <div>WILLIAM D. COOK, P.E. WILLIAM D. COOK, INC.</div>	<div>BROMLEY - COOK ENGINEERING, INC.</div> <div>STRUCTURAL ENGINEERING SERVICES</div> <div>5440 N.W. 33rd AVENUE, SUITE 100 FORT LAUDERDALE, FL 33309 PHONE: (954) 772-4924 FAX: (954) 772-4934 CERT. OF AUTH. #00059124</div>		<div>DRAWING TITLE</div> <div>STORM LINE WOOD ENTRY DOORS</div> <div>MANUFACTURER</div> <div>LAG DESIGN</div> <div>INDUSTRIAL MILLWORK CORP</div> <div>WEST HWAY 36 SENECA, KS 66538</div> <div>(800)462-3867</div>		<div>BY</div> <div>DATE</div> <div>G.R.</div> <div>08/25/02</div> <div>L.K.</div> <div>03/09/06</div>
	<div>NO.</div> <div>1</div> <div>2</div>		<div>REVISION DESCRIPTION</div> <div>GENERAL REVISIONS</div> <div>NEW CODE REVISIONS</div>		
	<div>DATE:</div> <div>11/27/01</div>		<div>DRAWING NO.:</div> <div>LAG-SL</div>		
	<div>SHEET NO.</div> <div>9 OF 10</div>				

MATERIAL LIST

1. SIDE & HEAD JAMB (1 1/4" X 5 1/4" RABBETED & KERFED MAHOGANY OR OAK
NOTE: WOOD SPECIES OF EQUAL OR GREATER DENSITY MAY BE SUBSTITUTED FOR ALL WOOD COMPONENTS
2. LOCKING HARDWARE:

A. SCHLAGE LOCK MODEL 660 & DEAD BOLT @ 36" & 52" ABOVE BASE OF DOOR AND IVES 353
8" SURFACE BOLTS AT TOP AND BOTTOM OF ACTIVE PANEL.

B. G.U. HARDWARE CREMONA R2 (6 POINT) DOOR BOLT SYSTEM WITH LEVER HANDLE & STRIKE AT
36" ABOVE BASE OF ACTIVE DOOR AND SHOOT BOLT MORTISED INTO DOOR
PANEL WITH TOP AND BOTTOM STRIKES.
3. DOUBLE ACTING FLUSH BOLT BY H.T.L. (HARDWARE TECHNOLOGIES LIMITED) AT
THE INACTIVE DOOR WITH TOP AND BOTTOM STRIKES.
4. STEEL HINGES 4 1/2" X 4 1/2" X 3/32" THICK LEAFS (GENERIC) PAINTED, STAINLESS STEEL, OR OTHER FINISHES.
5. STRIKES: HEAD AND SILL STRIKE PLATE. ALUMINUM BAR 0.125" THICK X 1 1/2" X 6"
6. GLASS: SEE GLAZING TABLE ON SHEET 1
7. 5" X 1 3/8" 6063-T5 ALUMINUM BUMPER THRESHOLD.
8. MAHOGANY / OAK OR 6063-T5 ALUMINUM THRESHOLD CAP.
9. 1.75" X 5.25" MAHOGANY OR OAK STILE (OPERABLE DOOR)
10. RAILS:

A. 1.75" X 5.25" MAHOGANY OR OAK TOP RAIL.

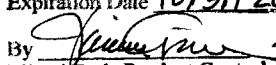
B. 1.75" X 9.25" MAHOGANY OR OAK BOTTOM RAIL

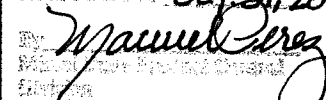
C. 1.75" X 2" MAHOGANY OR OAK STILE - (FIXED LITE)
11. GLASS STOP 5/8" x 5/8".
12. ASTRAGAL 2 3/16" X 4 1/8" LAMINATED LVL HARDWOOD PLYWOOD WITH 1 3/4" RABBET ON INACTIVE SIDE AND 2 1/8" RABBET ON ACTIVE SIDE
13. WEATHER STRIP 5/8" Q-LON QDS-650.
14. TOP / BOTTOM DOOR GUIDE REINFORCING 3/16" THK. STAINLESS STEEL x 10" LG x 1 1/8" WIDE
15. PANEL LAG BOLTS

A. PANEL 3/8" x 12" STEEL LAG SCREW

B. PANEL 3/8" x 6" STEEL LAG SCREW
16. SILICONE BACK BEDDING GLAZING SEALING GLASS TO PANEL. G.E. OR DOW CORNING
17. 4d X 1 1/4" FINISHING NAIL 1" FROM CORNERS AND SPACED MAX. 2 1/2" O.C. FASTENING GLASS STOPS TO PANELS.
18. SOLID MAHOGANY RAISED PANEL - 1 1/2" THK. @ CENTER, 5/8" THK. @ EDGES
19. MIN. 2X4 P.T. BUCK BY OTHERS.
20. #10 x 2 1/2" F.H.S.M.S. (3 PER JAMB CORNER FASTENING JAMB TO JAMB). TYP.
21. NO. 8 X 2" PFHSMs FASTENING REINF. TO DOOR RAIL
22. NO. 8 X 3/4" PFHSMs FASTENING STRIKE PLATE TO HEAD JAMB AND SILL (2 PER PLATE).
23. NO. 12 X 2 1/4" PFHSMs FASTENING STRIKE PLATE TO HEAD JAMB & BUCK
(SCREWS PENETRATE THROUGH JAMB & INTO BUCK 1 1/2"). 2 PER PLATE.
24. NOT USED
25. NOT USED
26. NO. 10"x2" TO INACTIVE PANEL ASTRAGAL (1" FROM END, BALANCE @ 11" O/C. STAGGERED. MIN.)
27. NO. 12 X 1 1/2" FHSMS FASTENING HINGE TO JAMB (2 PER HINGE).
28. NO. 12 X 2" FHSMS FASTENING HINGE TO JAMB (2 PER HINGE). FASTENERS: MUST PENETRATE BUCK MIN. 1 1/4" - LENGTH AS REQ'D.
29. NO. 12 X 1" FHSMS FASTENING HINGES TO PANELS (4 PER HINGE).
30. NO. #10 X 3" SMS FASTENING THRESHOLD TO WOOD FRAMING.
POSITIONED AS SHOWN ON ELEVATION VIEWS AND SECTIONS EMBED INTO BUCK MIN 1 1/4".
31. 1/4" TAPCONS (LENGTH AS REQUIRED FOR MIN. 1 1/2" CONCRETE EMBED)
POSITIONED AS SHOWN ON ELEVATION VIEWS AND SECTIONS.
32. NO. 12 F.H.S.M.S. FASTENING JAMB TO BUCKS. EMBED 1 1/4" MIN.
33. No.8 x 2 1/2" SMS THRU JAMBS & INTO SCREW SPLINES IN THRESHOLD (3 PER CORNER)
34. NO. #8 X 2 1/2" F.H.S.M.S. FASTENING MULLIONS TO PANELS (4" FROM CORNERS & 8" O/C.)
35. NO. 12 X 1 1/2" F.H.S.M.S. (2) @ 1" FROM ENDS, BALANCE @ 12" O/C. (SINGLE ROW FOR BALANCE)
36. NO. 12 x 3" F.H.S.M.S. - 1" FROM ENDS, BALANCE @ 12" O/C.
37. NO. 12 x 3 1/2" F.H.S.M.S. -3 1/2" FROM ENDS, BALANCE @ 17 1/2" O/C. @ JAMBS
EMBED 1 1/4" (MIN) INTO BUCK
38. NO. 12 x 3 1/2" F.H.S.M.S. - 3" FROM ENDS, BALANCE @ 12" O/C. @ HEAD
EMBED 1 1/4" (MIN) INTO BUCK
39. 1/4" DIA. x 2 1/2" TAP-CON w/ 1 1/4" MIN. EMBED @ SILL
40. 3/4" x 5 1/4" STRUCTURAL MULLION COMPOSED OF 13 PLY HARDWOOD PLYWOOD

AT FIXED PANELS ONLY

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 07-0813.06
Expiration Date 10/31/2012
By 
Miami Dade Product Control
Division

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 06-0411.02
Expiration Date 06/30/2007
By 
Miami Dade Product Control
Division

DRAWING TITLE STORM LINE WOOD ENTRY DOORS		NO		REVISION DESCRIPTION		BY	DATE
MANUFACTURER LAG DESIGN INDUSTRIAL MILLWORK CORP WEST HWAY 36 SENECA, KS 66538 (800)462-3667		1	GENERAL REVISIONS	G.R.	04/23/02		
		2	GENERAL REVISIONS	G.R.	09/25/02		
		3	GENERAL REVISIONS	G.R.	10/9/02		
		4	NEW CODE REVISIONS	L.K.	03/03/06		
BROMLEY - COOK ENGINEERING, INC. STRUCTURAL ENGINEERING SERVICES 5440 N.W. 33rd AVENUE, SUITE 100 FORT LAUDERDALE, FL 33309 PHONE (954) 772-4624 FAX (954) 772-4634 CERT. OF AUTH. #00009124		CERTIFICATION MAR 15 2005		WILLIAM D. COOK, P.E. FLA. P.E. NO. 43904		DATE: 11/27/01 DRAWING NO. LAG-SL SHEET NO. 10 OF 10	